CLASSICS
AT
8805
R659
1950

CLASSICS-TC WINDOWS

CLASSICS

THE LIBRARIES

COLUMBIA UNIVERSITY

AVERY LIBRARY

Digitized by the Internet Archive
in 2023 with funding from
Columbia University Libraries

https://archive.org/details/collectionofidea00rols

HOME OF HAROLD SPITZNAGEL, ARCHITECT, SIOUX FALLS, S. D.

Collection of Ideas

PELLA CASEMENT WINDOWS

Pella

CASEMENT WINDOWS

Windows are more important than ever in enhancing the beauty and efficiency of your home

Homes, today, are practical as well as beautiful in design. They are planned to take full advantage of their location, with windows that provide relaxing views, bring solar heat inside in winter, and give more light for working and reading. In new homes either traditional or modern in style, the trend is toward larger window areas that bring the most picturesque view indoors and lend themselves to new and exciting schemes of interior decoration.

Large windows are desirable not only in the living room but also in dining rooms, rooms overlooking terraces and in kitchens. The view's the thing—and it's easy to have in any room of the house with Pella Casement Windows. They include many other features for convenience, utility and long life.

Pella Casements are Year 'Round Windows

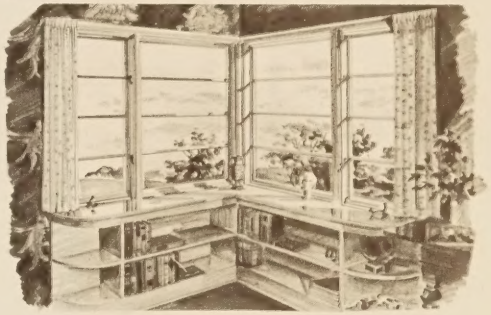
Pella Casements are more than glass, gears and framework. They are *year 'round* windows, dual-glazed to insulate against winter cold and summer heat, weather-stripped to eliminate drafts, and equipped with ROLSCREENS that roll up and down like window shades—require no seasonal putting up, taking down or storing.

Pella Casements are *efficient* windows. They meet all the rigid requirements of modern heating and air conditioning.

They have exceptional structural strength because they combine the strength and rigidity of steel with the beauty and insulating qualities of wood. Pella window frames are made of rust-proofed steel, welded into a single rigid unit. These sturdy frames are then lined with clear white pine for its appearance and insulating qualities.

Pella Casement Windows in Wide Variety of Sizes for Any Style Architecture

The sturdy, rust-proofed steel frames of Pella Casement Windows fit snugly into all kinds of wall construction—wood frame, brick, brick-veneer, stone, etc. Stock size units are available in a very wide variety of sizes for both width and height. Glass arrangements may be had in small panes or long, horizontal lights. Or, muntins (wooden glass dividers) may be omitted altogether.

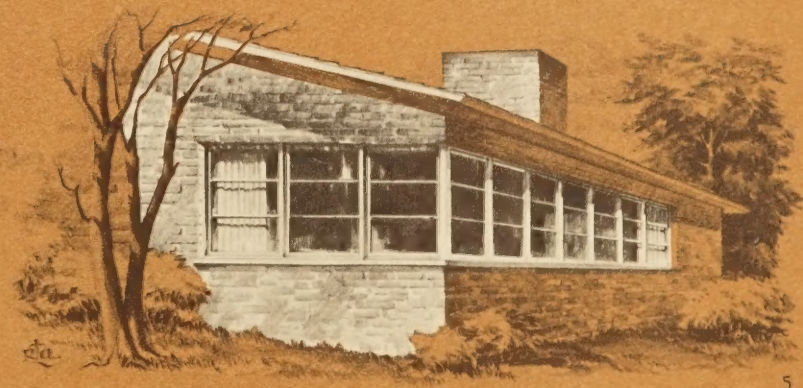


Pella Casement Windows blend into and emphasize the character of any style architecture. They will convey the impression of dignity and stateliness required for Colonial architecture, "coziness" for Cape Cod, breadth for Modern or Spanish and sturdiness for half-timbered English.

On the following pages you will see how Pella Casement Windows enhance the appearance of homes in a wide variety of architectural styles. We hope you will find this collection of window ideas helpful in visualizing your own new home. Discuss the various ideas illustrated with your architect or builder who, by the way, has complete details concerning Pella Casement Windows, and other Pella products on file in his office.

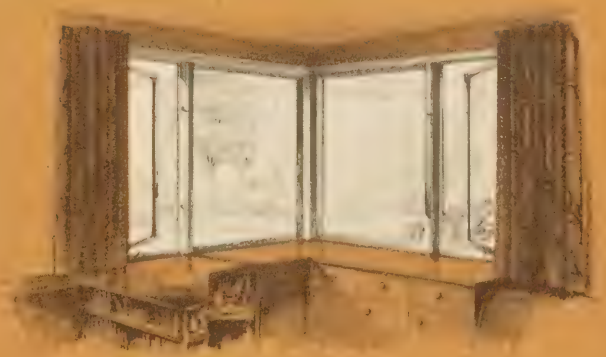
Perhaps the most popular modern style window is the "picture window." While shown here in a ranch style home, it is equally adaptable to most all other architectural styles. The large center section is stationary while the Pella casement units on both sides open to full 90°. All can be equipped with Thermopane, Twindow or Dual Glazing for maximum insulating effect. Side casements are equipped with Pella Rolscreens . . . the original inside screens that roll up and down like window shades. Actually these generous size picture windows with Pella features are easier to maintain than conventional windows *one-fourth their size!*

If you are tired of those little "2 x 4" windows that characterize so many dingy bedrooms, consider one like this with *walls of sunshine!* Composed of stock-size Pella Casement Units, they can be specified for any length and are easily installed. About two out of each three casement units are made to open. The others are stationary. Cleaning is facilitated by omitting vertical glass dividers. Pella Dual Glazing may be left in place all year to protect against summer heat as well as winter cold. All Pella windows are 100% assembled and pre-fitted at the factory. No cutting or fitting is necessary when they are being installed. This saves construction time and extra costs.



Pella Casement Windows are just as practical for small homes as for the more pretentious ones. In fact, they are more practical than other various types of windows because small homes require adequate ventilation and casement windows assure you of 100% ventilating area at low cost. The small, inviting bay window illustrates how effectively Pella Casements can be used to rescue the small home from that "plain" look. Nothing we know of will increase the value of a small home as much as Pella Casement Windows with convenient Rolscreens.

Today, thanks to manufacturing progress, large panes of glass are stronger, clearer and economical. So, windows composed of small panes are no longer necessarily the most practical. In this home the designer has created custom-made window effects simply by utilizing *stock-size* Pella Casements units *without* any glass dividers. The results are a clean-cut exterior and unobstructed views from the interior. Pella's patented hinge design and method of riveting hinge butts to the welded steel inner frame assure smooth, effortless opening and closing. Compression-type weatherstripping along all four sides of sash form a perfect seal against drafts and air leaks in winter.

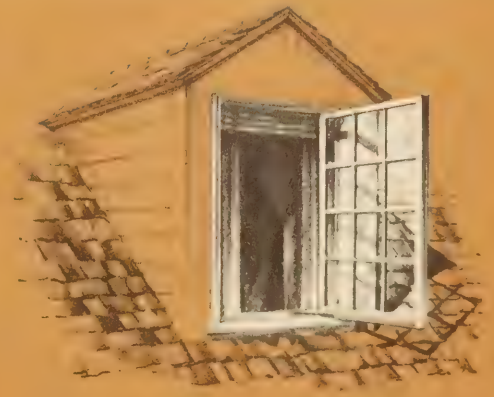


Pella Casements with all their advanced, convenient features are a "must" for truly modern kitchens. For example, they are the ideal windows for "over the sink". They are opened so easily—by simply turning the crank at the sill. No reaching up and over the sink to push and tug at stubborn sash. As an alternate suggestion to the three Pella Casements shown above, there are the Pella French-Type Windows illustrated at the right. They are grand for maximum ventilation and unobstructed view. Both types are equipped with Rolscreens. Exciting circular bay in dining area is composed of stock-size Pella Casement Units set into standard Pella angular mullions. Save this one for your file of new home ideas!

If your ideas are pointing towards a solar type house, let Pella Casements in on the plan. For Pella offers you this beautiful tall casement window with such attractive glass proportions. When utilized as French windows especially, the whole outdoors seemingly comes inside. These large casement units are both practical and sound from all standpoints. Welded steel inner frames remain true. Patented hinge design and construction assure easy opening and closing. Either Thermopane, Twindow or Dual Glazing can be specified. And, best of all, screening is inconspicuous and no more trouble than lowering a window shade . . . for they are Rolscreen equipped.

Casement Windows are always associated with English Type architecture. Pella offers window units of unusual height like those used in this delightful front bay. Here the two top rows of panes are stationary while the four lower rows of panes all open outward to admit fresh air. The angular corner supports or mullions, as shown in this bay, are available in various degrees of angularity . . . all prefabricated at the factory in Pella. So, if you are planning to build a home like this, be sure to select Pella Casement Windows. Select them for their appropriateness and for their extra features of convenience and efficiency that *only* Pella can offer.

Dutch Colonial is one of the most popular types of architecture and see how Pella Casement Windows lend added charm to a lovely design. Did you ever see a more pleasing arrangement of first floor windows and the way they set off the inviting double Dutch door with its full length shutters? Upstairs 3-light-wide Pella Casements give an interesting note of variety without noticeable contrast. Only Pella can build these wider casement units—thanks to Pella's sturdy steel hinges, superior sash construction and steel inner frame.

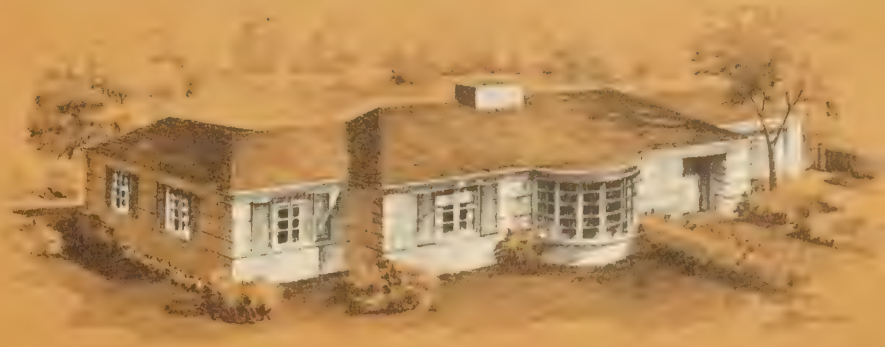


If you have "fallen in love" with the charm and coziness of Cape Cod architecture or modified forms of it, Pella Casement Units are for you! Most important, these advanced windows bring you a wealth of modern efficiency and conveniences and yet they are delightfully "in character" with Cape Cod architectural style. The designer of the home above has skillfully utilized Pella Casement Units in interesting dormer, picture, doorside and conventional window arrangements. Add personality to your new home with Pella Windows. And, help protect your investment because Pella are the only windows that give you Rolscreens, Dual Glazing, Compression-type Weatherstripping and, over 480 different glass arrangements from stock-size units.

This beautiful home is characterized by dignity, charm and delightful symmetry which appeals to those who like Heppelwhite, Sheraton and other 18th Century furnishings. Pella Casement Windows blend perfectly with this type of architecture. Notice how the architectural designer has utilized 5-light-high units to add a pleasant heightening effect to the outside appearance. As shown at the right, the full length shutter is in close harmony with the vertical lines as emphasized in the casements. An interesting detail of this exterior is the charming cornice at the top of the first floor windows. Pella Casements are admirably suited to combine with this detail of construction.

Someone once said that, "windows are the eyes of a house". At least the *right* windows can lend character to a house. And, when they become *"walls of sunshine"* like these, they reflect all the cheery warmth within. Don't worry about the practicability of large window areas in northern states. That has been proved. First, the correct roof overhang shades window against the sun when it is high in summer. In winter when the sun is low, it floods in to help warm the house. Pella Dual Glazing and compression-type weatherstripping seal against drafts and warm air leaks. Then when good old springtime arrives, windows can be popped open and Rolscreens pulled down in a matter of seconds. Lacking thick frames like ordinary screens, Rolscreens admit more light to make rooms brighter all day long.

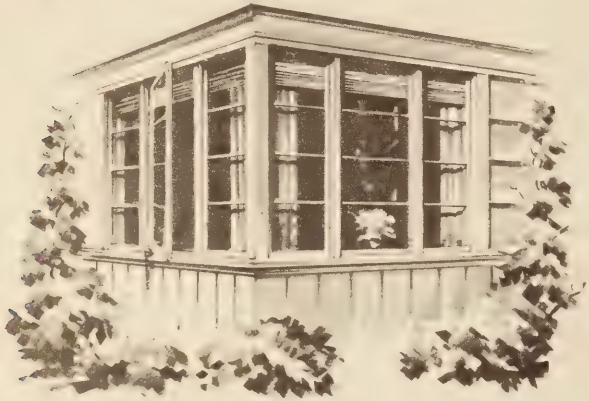
No other type window imparts charm to a home like a lovely circular bay. It "extends" a room into the garden . . . it is a valuable decorating asset . . . and it adds individuality to an exterior. Working with stock-size Pella Casement Units, your architect or designer can create all manner of circular or angular bays incorporating three or more units. Some sections can open while others can be stationary windows. Vertical, or both vertical and horizontal glass dividers can be omitted. Pella bays never appear "bulky" because joining mullions are narrower—thanks to their construction which combines the strength of steel with the beauty and insulating qualities of wood.

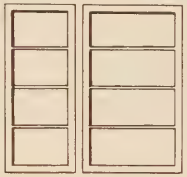


Four 2316
stock units

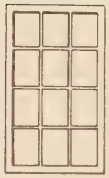
Just Think . . you can windows like STOCK SIZE *Pella*

Whatever the style of architecture and whether the house is new or old, you can have charming windows like these right from stock! They come in units which can be combined in different ways to achieve the "custom made" appearance you desire. Because they are factory-made to exact dimensions to fit your wall openings, there is no wasteful cutting or trimming on the job.





Four 2418 and Two
34112 stock units

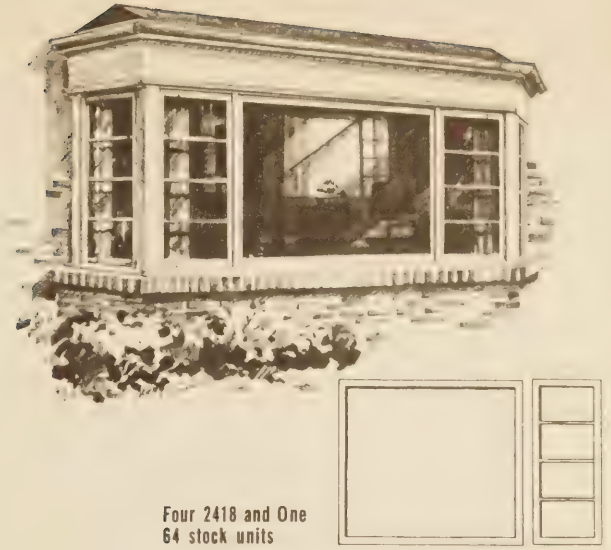


Three 34112 stock units

Two 2418 and One
44 stock units

have distinctive these with CASEMENTS

More than 300 different combinations—an unlimited number of window possibilities . . . are available with Pella Casements. Note the examples here. See the charm and grace achieved with various units which go together effectively. Note the numbers under the detailed view, which correspond to the numbers of units shown in the table on Page 20.



Four 2418 and One 64 stock units

Two 2418 and Two 1414 stock units

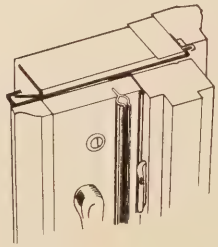
Four 2418 stock units

Beautiful Pella CASEMENTS . . . BRING YOU

ROLSCREENS Guaranteed 10 years. The original inside screens that roll up and down like window shades. Always in place—no putting up, taking down, painting or storing. Rolscreens are the ideal answer to screening problems. They save time, money and temper. Finger tip operation—16 mesh to the inch, rust-resisting "AluminA" wire screen, with sturdy, triple edge selvage. Also four double strands of wire near the edges for extra strength. Over 2½ millon in use throughout the world. See Rolscreen guarantee Page 22. Pella Casements are the only windows on the market that come equipped with ROLSCREENS right from the factory.

DUAL GLAZING Makes "storm window." Removable inside panel holds pane of double-strength "A" quality glass set in neoprene rubber which lines a neat narrow aluminum frame. It is mounted in the wood sash with patent catches. Easily removed for cleaning and yet so inconspicuous. The air space between the outside panes of glass and the removable panel provides year 'round "storm" window insulation against winter cold and summer heat. The smooth neoprene contact keeps dust and dirt out, minimizing window washing. Pella Casement Windows meet the requirements of modern heating and air conditioning.

EASY TO CLEAN It's so easy to wash windows with Pella's double acting hinges. Just turn the easy finger release and the sash projects at an angle to wash the outside of the sash from the inside of the house. No wobbly step ladder. No disturbing of furniture or drapes. Too, convenient Pella Rolscreens are quickly rolled out of the way. Outside window screens harbor dirt, giving mud splattered windows with every rain. Modern Pella Rolscreens installed inside stay clean and thus help keep windows cleaner. These are Pella features that bring you real window convenience.



REINFORCED FRAME Pella window frames are made of 1/16 in. gauge rust-proofed steel, the full width of 5¼ in. jamb, welded into a sturdy unit. Wood lined, the frame gains rigidity and strength. Installed they make a snug wall fit becoming and inconspicuous. This creates the warm appearance of an all wood window but eliminates the old problems of shrinking-joint separation and swelling.

Window Efficiency WITH ALL THESE GRAND FEATURES

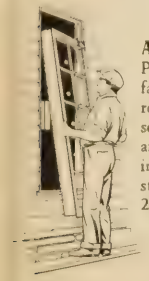
DRAFT-TIGHT Bronzseal Weather Strip. Pella's exclusive compression-type spring bronze weather seal fits snugly around all four sides of the window. The tighter the sash is closed, the more efficiently the sash is sealed against wintry drafts and costly warm air leaks. You can see it work. Paint can't clog it. The curled finished edge lays into the stop groove, eliminating sharp edges and affording easy adjustment to greater tension at any time. While Pella sash close tightly to keep out all drafts, they are always easy to open. Positive-acting, worm geared levers open and close the sash smoothly when operating crank is turned.

Another exclusive Pella feature for better home protection and comfort.

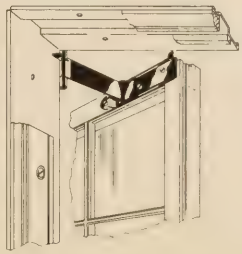
Pella Casement Windows are designed and built for beauty, convenience and long life. Their beauty is well demonstrated in the numerous combinations shown on preceding pages.

From the standpoint of convenience, Pella Windows are *always* ready for any season without work on your part. *Screens roll* like a window shade—up and down as you wish. Storm windows *require no storage* for they insulate in every season. Windows are easily washed, both inside and out, from the inside of the house, thanks to Pella's patented hinge.

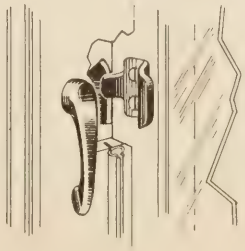
The draft-tight bronze seal weatherstrip fits snugly around all four sides of the window. Pella Windows are factory built—completely assembled and prefitted to the opening sizes shown on Page 20. They are carefully crated at the factory, well protected against damage. Parts including hardware, weatherstripping, Rolscreens and dual glazing (if specified) are assembled into the window for a completely prefabricated *package* unit. Prefitting at the factory eliminates cutting or fitting on the job, as each window fits the rough opening for which it was built. Weathertight installation can be completed in about 20 minutes.



A "PACKAGE" WINDOW Pella Casement Windows are 100% factory fitted and assembled. When received on the job, they are simply set into rough wall openings, caulked and locked in place by means of steel interlocking fins. A weather-tight installation can be completed in about 20 minutes.

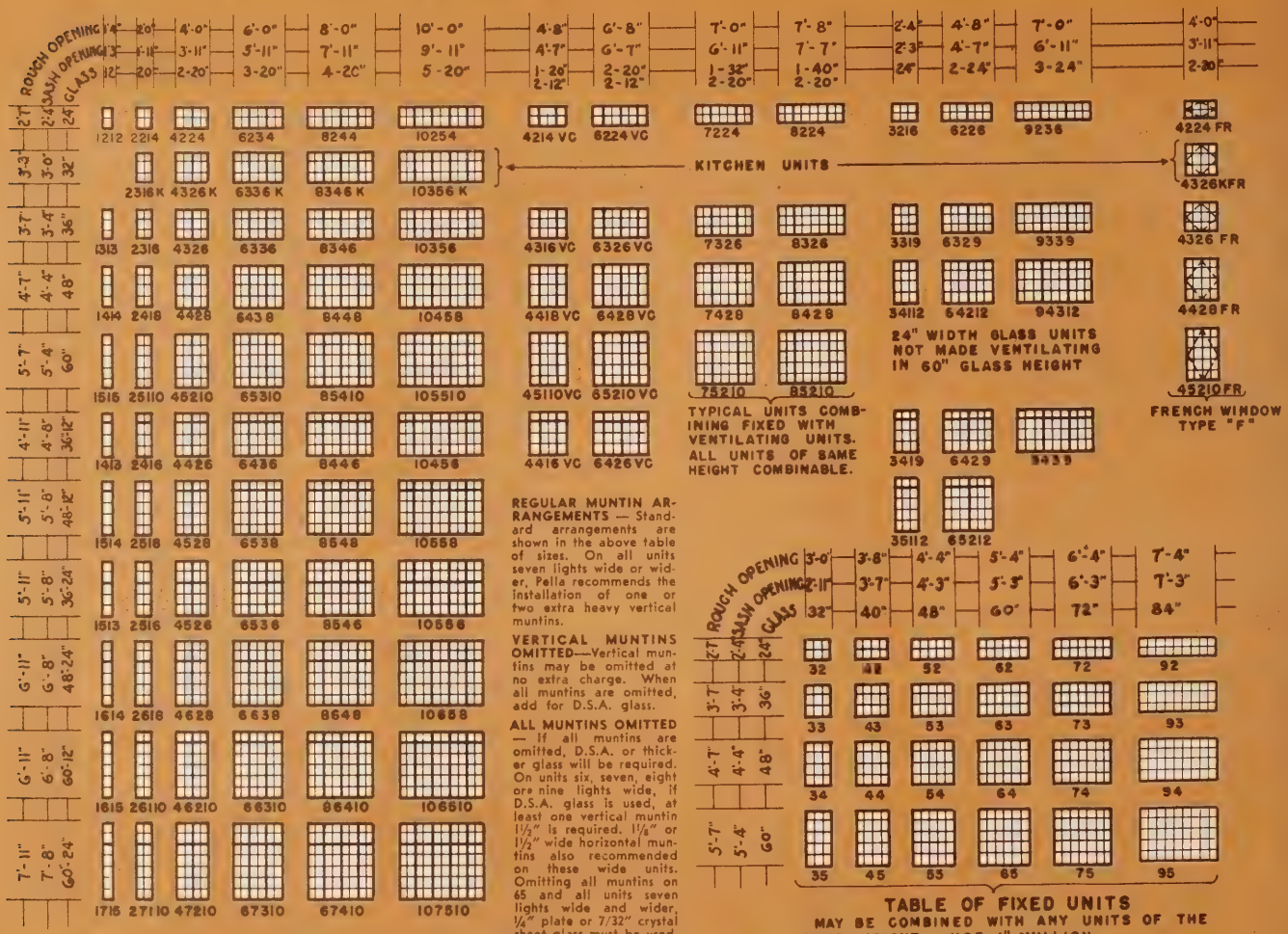


SPECIAL HINGES Cadmium plated steel double plate hinges are the sturdy life-line of a Pella Casement. Solidly screwed to the rigid steel frame, hinge plates cover 6" of screwing surface into solid clear white pine top and bottom rails of Pella Sash. Extra long butt and pin give extra bracing. Opens to full 90 degree angle, flush with window jamb . . . does not obstruct outside view. Tamper-proof when closed.



HARDWARE Pella Casement Windows have durable, graceful and easy operating levers, locks and catches. Sash opens on positive acting, worm geared levers, crank-operating from inside the house. Sash locks give powerful leverage to make tight seal against drafts, moisture and intruders. Bright chromium plate, satin chrome or bronze finish hardware is optional.

Stock sizes of *Pella* Casement Window Units



REGULAR MUNTIN ARRANGEMENTS — Standard arrangements are shown in the above table of sizes. On all units seven lights wide or wider, Pella recommends the installation of one or two extra heavy vertical muntins.

VERTICAL MUNTINS OMITTED—Vertical muntins may be omitted at no extra charge. When all muntins are omitted, add for D.S.A. glass.

ALL MUNTINS OMITTED — If all muntins are omitted, D.S.A. or thicker glass will be required. On units six, seven, eight ore nine lights wide, if D.S.A. glass is used, at least one vertical muntin 1½" is required. 1⅛" or 1½" wide horizontal muntins also recommended on these wide units. Omitting all muntins on 65 and all units seven lights wide and wider, ¼" plate or 7/32" crystal sheet glass must be used.

TABLE OF FIXED UNITS

MAY BE COMBINED WITH ANY UNITS OF THE SAME HEIGHT. USE 1" MULLION.

NOMINAL GLASS SIZES — One light wide units 12" x 12". Two light wide units 10" x 12". Three light wide units 8" x 12". Large fixed units 18" x 12". Standard glazing is with SSA glass.

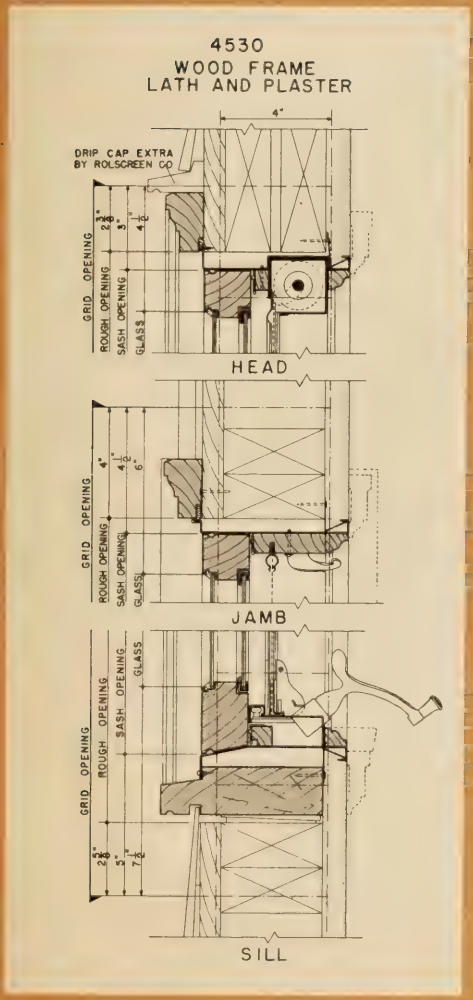
RULE FOR OBTAINING MASONRY OPENINGS —

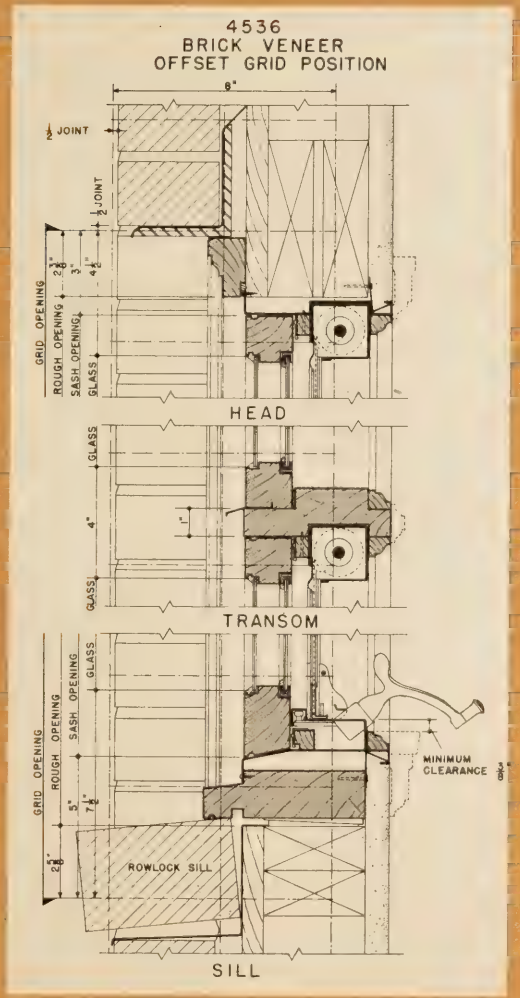
Add 4⅜" to rough opening in width and 2¼" to rough opening in height for masonry opening. This gives masonry opening to outside edge of brick mould.

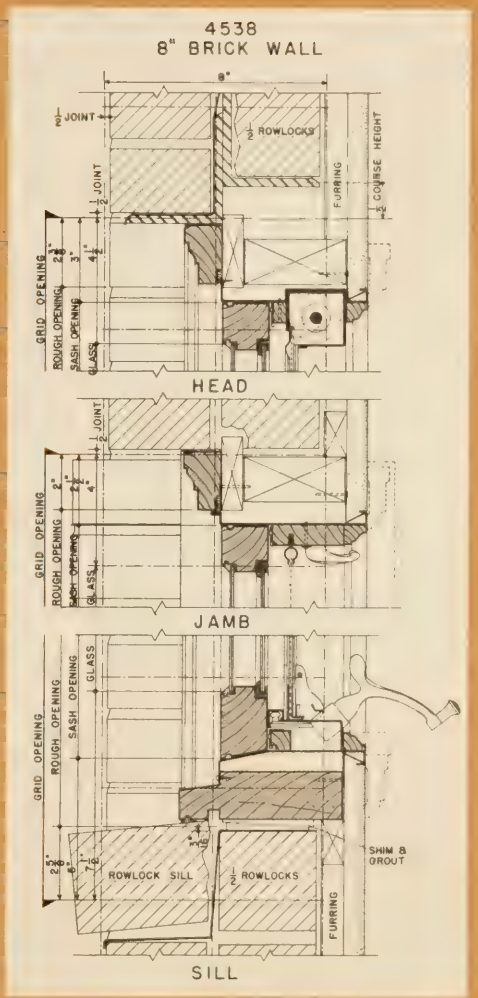
TYPICAL CIRCLE HEAD UNITS (STATIONARY)

FIT ABOVE UNITS WITH SASH OPENING SIZE SHOWN. CIRCLE HEADS CAN BE OBTAINED FOR ALL STANDARD SIZES. FOR JOINING THE UNITS USE THE 1" TRANSOM DETAIL.

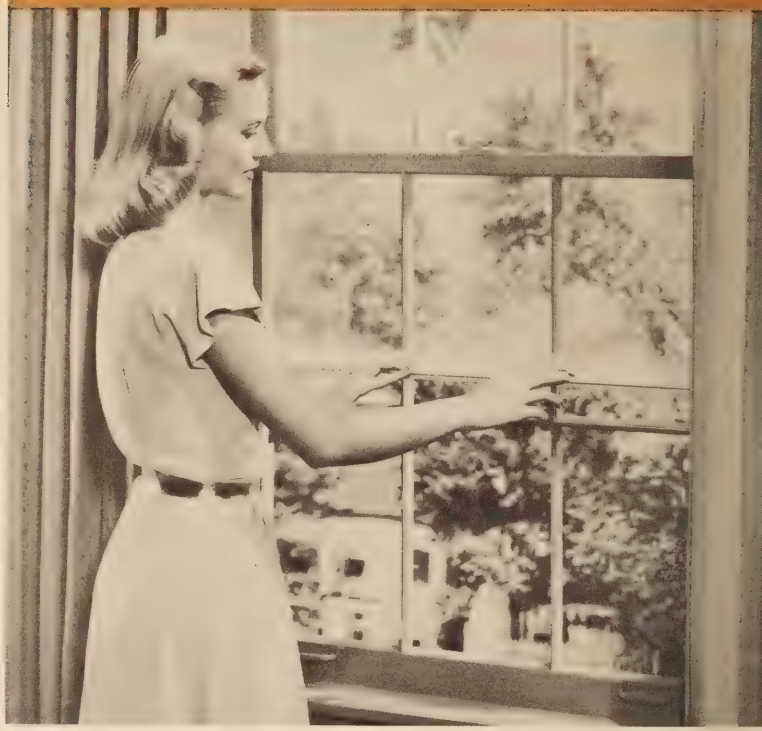
Pella Casement Windows fit all types of wall construction







Pella Rolscreens



For old and new windows

Pella ROLSCREENS come as an integral part of new Pella Casement Windows. They are also available for installation in your present windows. For the finest in trouble-free window screens that eliminate seasonal taking down, putting up, painting and storing, specify ROLSCREENS when you build or remodel. This guarantee protects you:

GUARANTEED FOR 10 YEARS

ROLSCREENS are guaranteed against defects in workmanship or materials for a period of 10 years. A new ROLSCREEN or parts will be furnished FREE of CHARGE for any failing under this GUARANTEE. This does not cover damage or abuse to the screen or any other condition beyond the normal control of the ROLSCREEN COMPANY.

FEATURES

ROLSCREENS will not budge or tear. Special clear vision "AluminA" wire-cloth releases from the guides whenever it receives a sharp blow. It automatically re-enters the guides when the ROLSCREEN is raised. Admits 10% to 20% more light than screens with ugly wide frames. Window and draperies stay cleaner. Installed on the inside, ROLSCREENS do not accumulate dirt and dust. Besides, they automatically "dust" themselves every time they are rolled up and down.

Awnings and window boxes are quickly accessible from the inside. ROLSCREENS do not interfere with locks or catches. Windows easily washed from the inside.

Children are safer because ROLSCREENS are "locked-in" securely at the top, bottom, and on both sides. The household is safer because ROLSCREENS cannot be unlocked from the outside.

They roll up and down like a window shade . . .

When Pella ROLSCREENS are once installed they become a permanent part of the window. They need not be taken down in the fall and put up in the spring. Once in place, always in place. No painting . . . no storage . . . no repairing. A touch of the finger and ROLSCREENS roll up automatically onto hidden rollers. They are just as easily lowered for service.

Modern Pella ROLSCREENS preserve the beauty of clear, sparkling windows because they are so inconspicuous. Appearance of the whole house is improved because ROLSCREENS do not give windows the "blurry," "fuzzy" look, like old-fashioned, outside flat screens. You will always be proud of your judgment in selecting ROLSCREENS.

Pella Venetian Blinds...

. . . for those who want the finest When you purchase Venetian Blinds today—let QUALITY be your watchword. Do this and be assured of that lasting pride of ownership which comes from beautiful things—superbly made to perform better and serve longer.

Keep in mind these EXTRA QUALITY FEATURES—that are yours with Pella Blinds. You'll understand why Pella Venetian Blinds are the preference of architects, interior decorators, and homemakers.

ENCLOSED METAL HEADPIECE! Conceals all of the mechanism that operates Pella Blinds—yet, this neater enclosed headpiece is *only* 1⅜" *deep*. No unsightly tacked-on tapes or exposed brassy hardware.

SLIP-PROOF TILTING—Double roller action through synchronized machined gears assures positive and foolproof adjustment. Cord cannot slip. No danger of cord ends getting out of reach.

EASIER TO CLEAN—Enamel finish feels as smooth as glass. Painting is done by rubber rollers which press the paint deep into every pore of the wood. On metal slats—both aluminum and steel—the finish is baked on in continuous ovens. Pella Blinds are easily and quickly taken down for cleaning by simply releasing two sliding action clips.

QUIETER OPERATION—The floating *oil impregnated maple* bearings that support the tilting rods are the secret of Pella's smooth silent tilting action.

LONGER CORD LIFE—Separate cord is used for locking blind in any raised position. No backlash or cutting of cords—positive action without cord wear.

COMPACT NESTING OF SLATS—Slats bundle close to headpiece—no peep holes for light to streak through and spoil the appearance of your windows. Blinds may even be raised with slats tilted.

2-YEAR GUARANTEE—Because only the finest materials are used in manufacturing wood slats for Pella Venetian Blinds, they carry TWO-YEAR GUARANTEE against warpage and paint-peeling when given ordinary care. The sturdy mechanics of Pella metal enclosed head members make possible a ten-year guarantee against mechanical defects. A new head member is furnished FREE in case of failure.

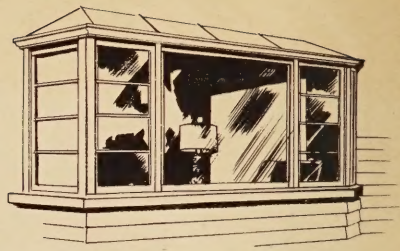
Pella Blinds alone have all mechanism enclosed in a metal head member only 1⅜" deep—so neat and inconspicuous that valances are unnecessary if you wish to leave windows undraped at the top. Note: The same neat appearance is presented by Pella Blinds *both from the inside or outside* of the window. Pella VENETIAN BLINDS LOOK EQUALLY WELL WITH OR WITHOUT VALANCES!

There are no unsightly gaps, no bulging parts to mar the compactness and neatness of Pella's metal head member. Being totally enclosed and only 1⅜" deep, it blends right in with the rest of the blind. Here is the reason:

BUILDING PRODUCTS DISTR. INC.
Bill Troutman
613½ So. First WA. 8954
LOUISVILLE 2, KY.

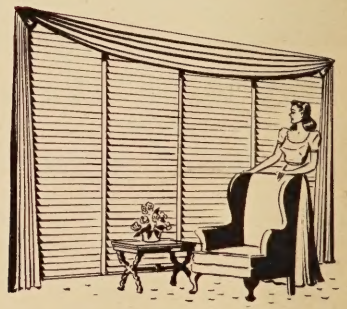
CASEMENTS ROLSCREENS
Pella
VENETIAN BLINDS

Pella PRODUCTS



CASEMENTS

ROLSCREENS



VENETIAN BLINDS

ROLSCREEN COMPANY, PELLA, IOWA

Form 120

Printed in U. S.